

WEST Search History

DATE: Monday, April 26, 2004

Hide?	Set Name	Query	Hit Count
<i>DB=PGPB,USPT,EPAB,JPAB,DWPI; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L8	L7 and (holo adj acp adj synthase)	29
<input type="checkbox"/>	L7	L6 and (modular or fungal)	349
<input type="checkbox"/>	L6	L5 and express\$	468
<input type="checkbox"/>	L5	L4 and (coli or yeast or plant)	477
<input type="checkbox"/>	L4	polyketide adj2 (synthase or synthetase)	609
<i>DB=USPT; PLUR=YES; OP=OR</i>			
<input type="checkbox"/>	L3	6258566.pn.	1
<input type="checkbox"/>	L2	6033883.pn.	1
<input type="checkbox"/>	L1	6033833.pn.	1

END OF SEARCH HISTORY

09/851650
STN Search Summary

=> d his

(FILE 'HOME' ENTERED AT 12:10:21 ON 26 APR 2004)

FILE 'CAPLUS' ENTERED AT 12:10:29 ON 26 APR 2004

L1 1151 S POLYKETIDE (2W) (SYNTHETASE OR SYNTHASE)
L2 63 S L1 AND (HETEROLOGOUS (2W) EXPRESS?)
L3 3 S L2 AND (HOLO (S) SYNTHASE)
L4 18 S L1 AND (HOLO (S) SYNTHASE)
L5 19 S L1 AND (HOLO? (S) SYNTHASE)
L6 16 S L5 NOT L3

L3 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:517340 CAPLUS

DN 137:306418

TI Streptomyces coelicolor phosphopantetheinyl transferase: a promiscuous
activator of polyketide and fatty acid synthase acyl carrier proteins

SO Journal of the Chemical Society, Perkin Transactions 1 (2002), (14),

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 2002:371292 CAPLUS

TI Recognition of hybrid peptidyl carrier proteins/acyl carrier proteins in
nonribosomal peptide synthetase modules by the 4'-phosphopantetheinyl
transferases AcpS and Sfp

SO Journal of Biological Chemistry (2002), 277(19), 17023-17031

L3 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:61182 CAPLUS

TI Production of a polyketide natural product in nonpolyketide-producing
prokaryotic and eukaryotic hosts

AU Kealey, James T.; Liu, Lu; Santi, Daniel V.; Betlach, Mary C.; Barr,
Philip J.

SO Proceedings of the National Academy of Sciences of the United States of
America (1998), 95(2), 505-509

L6 ANSWER 8 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN

AN 1998:424338 CAPLUS

TI Production of polyketides in bacteria and yeast using multiple vector
cloning systems

IN Barr, Philip J.; Santi, Daniel V.; Ashley, Gary W.

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9827203	A1	19980625	WO 1997-US23014	19971212
AU 9857010	A1	19980715	AU 1998-57010	19971212
AU 734325	B2	20010607		
EP 948613	A1	19991013	EP 1997-953212	19971212
NZ 336140	A	20010223	NZ 1997-336140	19971212
JP 2001510993	T2	20010807	JP 1998-527879	19971212
US 2002142400	A1	20021003	US 2001-851650	20010508
PRAI US 1996-33193P	P	19961218		
WO 1997-US23014	W	19971212		
US 1999-422073	A3	19991021		

L6 ANSWER 9 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:241585 CAPLUS
 TI Heterologously expressed acyl carrier protein domain of rat fatty acid synthase functions in Escherichia coli fatty acid synthase and Streptomyces coelicolor polyketide synthase systems
 AU Tropf, Susanne; Revill, W. Peter; Bibb, Maureen J.; Hopwood, David A.; Schweizer, Michael
 SO Chemistry & Biology (1998), 5(3), 135-146

L6 ANSWER 10 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:81571 CAPLUS
 TI Purification and in vitro reconstitution of the essential protein components of an aromatic polyketide synthase
 AU Carreras, Christopher W.; Khosla, Chaitan
 SO Biochemistry (1998), 37(8), 2084-2088

L6 ANSWER 11 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1998:52228 CAPLUS
 TI Characterization of Sfp, a Bacillus subtilis Phosphopantetheinyl Transferase for Peptidyl Carrier Protein Domains in Peptide Synthetases
 AU Quadri, Luis E. N.; Weinreb, Paul H.; Lei, Ming; Nakano, Michiko M.; Zuber, Peter; Walsh, Christopher T.
 SO Biochemistry (1998), 37(6), 1585-1595

L6 ANSWER 12 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:729561 CAPLUS
 TI Post-translational modification of polyketide and nonribosomal peptide synthases
 AU Walsh, Christopher T.; Gehring, Amy M.; Weinreb, Paul H.; Quadri, Luis En; Flugel, Roger S.
 SO Current Opinion in Chemical Biology (1997), 1(3), 309-315

L6 ANSWER 13 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:584609 CAPLUS
 TI Utilization of Enzymically Phosphopantetheinylated Acyl Carrier Proteins and Acetyl-Acyl Carrier Proteins by the Actinorhodin Polyketide Synthase
 AU Carreras, Christopher W.; Gehring, Amy M.; Walsh, Christopher T.; Khosla, Chaitan
 SO Biochemistry (1997), 36(39), 11757-11761

L6 ANSWER 14 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:206829 CAPLUS
 TI Post-translational modification of heterologously expressed Streptomyces type II polyketide synthase acyl carrier proteins
 AU Cox, Russell J.; Hitchman, Timothy S.; Byrom, Kate J.; Findlow, I. Stuart C.; Tanner, Julian A.; Crosby, John; Simpson, Thomas J.
 SO FEBS Letters (1997), 405(3), 267-272

L6 ANSWER 15 OF 16 CAPLUS COPYRIGHT 2004 ACS on STN
 AN 1997:134017 CAPLUS
 TI Ability of Streptomyces spp. acyl carrier proteins and coenzyme A analogs to serve as substrates in vitro for E. coli holo-ACP synthase
 AU Gehring, Amy M.; Lambalot, Ralph H.; Vogel, Kurt W.; Drueckhammer, Dale G.; Walsh, Christopher T.
 SO Chemistry & Biology (1997), 4(1), 17-24